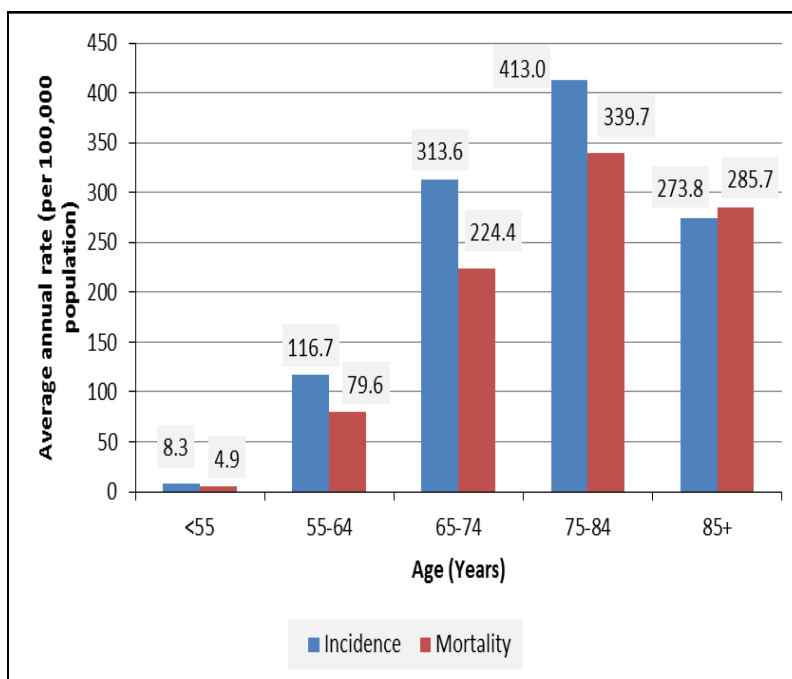


Lung (Lung & Bronchus) Cancer in Nebraska

Figure 1. Lung Cancer Incidence and Mortality, by Age, Nebraska (2007-2011)



Nebraska Lung Cancer Quick Facts:

- Between 2007 and 2011, 5,940 Nebraska residents were diagnosed with lung cancer, while 4,496 Nebraskans died from it.
- The rate at which lung cancer occurs (incidence) and the rate at which people die from it (mortality) increase sharply after age 55 and peak at ages 75-84 (Figure 1).
- Lung cancer incidence and mortality in Nebraska and the U.S. began to trend downward during the past decade (Figures 2 & 3).
- Lung cancer incidence and mortality rates in Nebraska were consistently lower than national rates during the past decade (Figures 2 & 3).

Figure 2. Lung Cancer Incidence Rates, by Year of Diagnosis, Nebraska & U.S. (2001-2011)

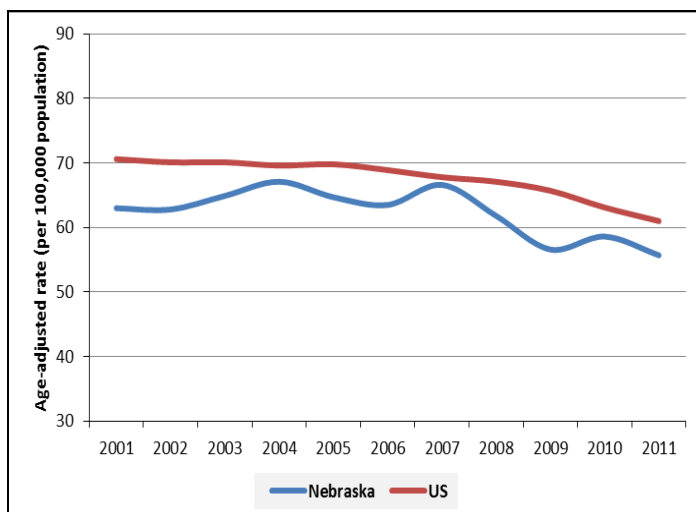


Figure 3. Lung Cancer Mortality Rates, by Year of Death, Nebraska & U.S. (2001-2011)

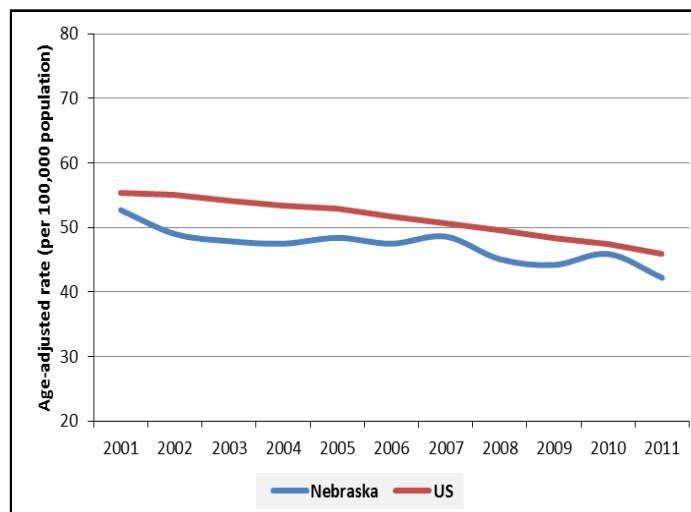
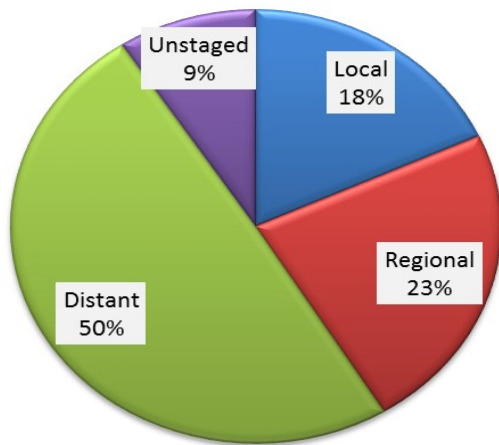


Figure 4. Lung Cancer: Percentage of Cases by Stage of Disease at Diagnosis, Nebraska, 2007-2011



- Between 2007 and 2011, the majority (50%) of lung cancer cases in Nebraska were diagnosed at a distant stage of disease (Figure 4).
- Stage of disease at diagnosis strongly affects the prognosis for lung cancer patients. The most recent national data show that the 5-year survival rate for lung cancers diagnosed at a local stage is 53.5% compared to only 3.9% for distant cases.

Lung Cancer Risk Factors and Screening

- Cigarette smoking accounts for 80-90% of all lung cancer diagnoses. Other risk factors for lung cancer include exposure to secondhand tobacco smoke and exposure to radon and asbestos.
- According to data collected by the Behavioral Risk Factor Surveillance System in 2012, 19.7% of Nebraska adults were current smokers.
- The U.S. Preventive Services Task Force (USPSTF) recommends annual screening for lung cancer with low-dose computed tomography in adults 55 to 80 years of age who have a 30 pack-year smoking history and currently smoke or have quit within the past 15 years. A “pack-year” is defined as smoking an average of 1 pack of cigarettes per day for 1 year. For example, a person could have a 30 pack-year history by smoking 1 pack a day for 30 years or 2 packs a day for 15 years.
- For more information on how to quit smoking, visit the Tobacco Free Nebraska webpage at <http://dhhs.ne.gov/tfn>; or call 1-800-QUIT-NOW for free access to counseling and support services.

About the Nebraska Cancer Registry

The purpose of the Nebraska Cancer Registry (NCR) is to gather data that describe how many Nebraska residents are diagnosed with cancer, what types of cancer they have, the treatment they receive, and survival after diagnosis. The NCR collects this information from every hospital in the state (excluding US Veteran’s Administration facilities), pathology laboratories, radiation therapy sites, outpatient surgery facilities, physicians’ offices, death certificates, and cancer registries in neighboring states. The NCR works closely with the Comprehensive Cancer Control Program of the Nebraska Department of Health and Human Services (NDHHS) and the Nebraska Cancer Coalition to provide data for planning and evaluating cancer control initiatives throughout the state, and for developing the Nebraska Comprehensive Cancer Control Plan. The NCR is managed by NDHHS and data are collected by the Nebraska Methodist Hospital of Omaha.

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To learn more about the Nebraska Cancer Registry, or to view additional fact sheets and reports, visit:
http://dhhs.ne.gov/publichealth/Pages/ced_cancer_data.aspx.